Welcome to STN International! Enter x:x

```
LOGINID: ssspta1202sxq
PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2
                     Welcome to STN International
NEWS
                 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2
                 "Ask CAS" for self-help around the clock
NEWS 3
         Jun 03
                 New e-mail delivery for search results now available
NEWS 4
         Aug 08
                 PHARMAMarketLetter(PHARMAML) - new on STN
NEWS 5
         Aug 19
                 Aquatic Toxicity Information Retrieval (AQUIRE)
                 now available on STN
NEWS
         Aug 26
                 Sequence searching in REGISTRY enhanced
      7
NEWS
         Sep 03
                 JAPIO has been reloaded and enhanced
NEWS
         Sep 16
                 Experimental properties added to the REGISTRY file
NEWS 9
         Sep 16
                 CA Section Thesaurus available in CAPLUS and CA
NEWS 10
        Oct 01
                 CASREACT Enriched with Reactions from 1907 to 1985
                 BEILSTEIN adds new search fields
NEWS 11
        Oct 24
NEWS 12
        Oct 24
                 Nutraceuticals International (NUTRACEUT) now available on STN
NEWS 13 Nov 18
                 DKILIT has been renamed APOLLIT
NEWS 14 Nov 25
                 More calculated properties added to REGISTRY
NEWS 15 Dec 04 CSA files on STN
NEWS 16 Dec 17
                 PCTFULL now covers WP/PCT Applications from 1978 to date
NEWS 17 Dec 17 TOXCENTER enhanced with additional content
NEWS 18 Dec 17
                 Adis Clinical Trials Insight now available on STN
NEWS 19 Jan 29 Simultaneous left and right truncation added to COMPENDEX,
                 ENERGY, INSPEC
NEWS 20 Feb 13 CANCERLIT is no longer being updated
NEWS 21 Feb 24 METADEX enhancements
NEWS 22 Feb 24 PCTGEN now available on STN
NEWS 23 Feb 24 TEMA now available on STN
NEWS 24 Feb 26 NTIS now allows simultaneous left and right truncation
NEWS 25 Feb 26 PCTFULL now contains images
NEWS 26 Mar 04 SDI PACKAGE for monthly delivery of multifile SDI results
NEWS 27 Mar 20
                 EVENTLINE will be removed from STN
NEWS 28
         Mar 24
                 PATDPAFULL now available on STN
NEWS 29
         Mar 24
                 Additional information for trade-named substances without
                 structures available in REGISTRY
NEWS 30
        Apr 11
                Display formats in DGENE enhanced
NEWS 31 Apr 14
                MEDLINE Reload
NEWS 32 Apr 17
                 Polymer searching in REGISTRY enhanced
NEWS 33 Apr 21
                 Indexing from 1947 to 1956 being added to records in CA/CAPLUS
NEWS 34
        Apr 21
                New current-awareness alert (SDI) frequency in
                 WPIDS/WPINDEX/WPIX
NEWS 35
         Apr 28
                 RDISCLOSURE now available on STN
                 Pharmacokinetic information and systematic chemical names
NEWS 36
         May 05
                 added to PHAR
NEWS 37
         May 15 MEDLINE file segment of TOXCENTER reloaded
NEWS 38
         May 15
                 Supporter information for ENCOMPPAT and ENCOMPLIT updated
NEWS 39 May 16 CHEMREACT will be removed from STN
```

NEWS 40 May 19 Simultaneous left and right truncation added to WSCA

NEWS 41 May 19 RAPRA enhanced with new search field, simultaneous left and right truncation

NEWS EXPRESS April 4 CURRENT WINDOWS VERSION IS V6.01a, CURRENT

MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),

AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003

NEWS HOURS STN Operating Hours Plus Help Desk Availability NEWS INTER

General Internet Information NEWS LOGIN Welcome Banner and News Items

NEWS PHONE Direct Dial and Telecommunication Network Access to STN

NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

FILE 'HOME' ENTERED AT 13:43:17 ON 30 MAY 2003

=> file reg COST IN U.S. DOLLARS

SINCE FILE TOTAL ENTRY SESSION 0.21

0.21

FULL ESTIMATED COST

FILE 'REGISTRY' ENTERED AT 13:43:25 ON 30 MAY 2003 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT. PLEASE SEE "HELP USAGETERMS" FOR DETAILS. COPYRIGHT (C) 2003 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 28 MAY 2003 HIGHEST RN 521913-14-4 DICTIONARY FILE UPDATES: 28 MAY 2003 HIGHEST RN 521913-14-4

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

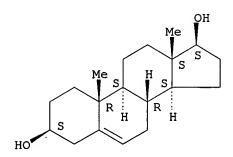
Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details: http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf

=> s 521-17-5/rnL11 521-17-5/RN

```
=> d 11
```

```
ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS
L1
     521-17-5 REGISTRY
RN
     Androst-5-ene-3,17-diol, (3.beta.,17.beta.)- (9CI)
                                                          (CA INDEX NAME)
CN
OTHER CA INDEX NAMES:
     Androst-5-ene-3.beta., 17.beta.-diol (7CI, 8CI)
CN
OTHER NAMES:
     .DELTA.5-Androstene-3.beta., 17.beta.-diol
CN
     .DELTA.5-Androstenediol
CN
     3.beta., 17.beta.-Androst-5-enediol
CN
     3.beta., 17.beta.-Dihydroxyandrost-5-ene
CN
     Androst-5-enediol
CN
CN
     Androstenediol
CN
     Hermaphrodiol
     28652-91-7
AR
     STEREOSEARCH
FS
MF
     C19 H30 O2
CI
     COM
                  AGRICOLA, ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS,
T<sub>1</sub>C
     STN Files:
       BIOTECHNO, CA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CEN, CHEMCATS,
       CHEMLIST, CSCHEM, DDFU, DRUGU, EMBASE, IPA, MEDLINE, MRCK*, NAPRALERT,
       NIOSHTIC, PROMT, RTECS*, SPECINFO, SYNTHLINE, TOXCENTER, USAN, USPAT2,
       USPATFULL
         (*File contains numerically searchable property data)
     Other Sources:
                      EINECS**
         (**Enter CHEMLIST File for up-to-date regulatory information)
```

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1205 REFERENCES IN FILE CA (1957 TO DATE)
26 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
1205 REFERENCES IN FILE CAPLUS (1957 TO DATE)
2 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> s 5721-91-5/rn L2 1 5721-91-5/RN

=> d 12

```
L2
     ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS
RN
     5721-91-5 REGISTRY
CN
     Androst-4-en-3-one, 17-[(1-oxodecyl)oxy]-, (17.beta.)- (9CI) (CA INDEX
     NAME)
OTHER CA INDEX NAMES:
     Decanoic acid, ester with testosterone (8CI)
     Testosterone, decanoate (6CI, 7CI, 8CI)
OTHER NAMES:
     17.beta.-Hydroxyandrost-4-en-3-one decanoate
CN
CN
     Testosterone 17-caprinate
CN
     Testosterone 17-decanoate
CN
     Testosterone caprate
CN
     Testosterone caprinate
FS
     STEREOSEARCH
MF
     C29 H46 O3
CI
     COM
LC
     STN Files:
                ANABSTR, BEILSTEIN*, BIOSIS, BIOTECHNO, CA, CABA, CAOLD,
       CAPLUS, CHEMCATS, CHEMLIST, CSCHEM, DDFU, DRUGU, EMBASE, IPA, MEDLINE,
       TOXCENTER, USPAT2, USPATFULL, VETU
         (*File contains numerically searchable property data)
     Other Sources:
                      EINECS**
         (**Enter CHEMLIST File for up-to-date regulatory information)
```

Absolute stereochemistry. Rotation (+).

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

80 REFERENCES IN FILE CA (1957 TO DATE) 1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA 80 REFERENCES IN FILE CAPLUS (1957 TO DATE)

4 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> s 315-37-7/rn L3 1 315-37-7/RN

=> d 13

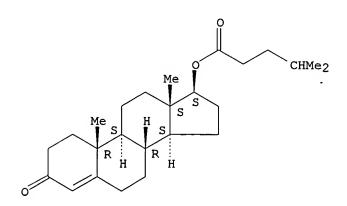
```
ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS
L3
RN
     315-37-7 REGISTRY
     Androst-4-en-3-one, 17-[(1-oxoheptyl)oxy]-, (17.beta.)- (9CI) (CA INDEX
CN
     NAME)
OTHER CA INDEX NAMES:
     Testosterone, heptanoate (6CI, 8CI)
OTHER NAMES:
     17.beta.-Enanthoxyandrost-4-en-3-one
CN
     17.beta.-Hydroxyandrost-4-en-3-one enanthate
CN
     4-Androsten-3-one 17.beta.-enanthate
CN
CN
     Andro LA 200
CN
     Androtardyl
     Delatestryl
CN
CN
     Everone
CN
     NSC 17591
     Primoteston-Depot
CN
CN
     Reposo TMD
     Testenate
CN
     Testinon
CN
CN
     Testo-Enant
     Testosterone 17-enanthate
CN
CN
     Testosterone enanthate
CN
     Testosterone heptylate
CN
     Testosterone oenanthate
FS
     STEREOSEARCH
DR
     11111-10-7
MF
     C26 H40 O3
CI
     COM
LC
                  ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN*,
     STN Files:
       BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CABA, CANCERLIT, CAOLD, CAPLUS,
       CBNB, CHEMCATS, CHEMLIST, CIN, CSCHEM, DDFU, DIOGENES, DRUGU, EMBASE,
       IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK*, MSDS-OHS, PROMT, RTECS*,
       TOXCENTER, USAN, USPAT2, USPATFULL, VETU
         (*File contains numerically searchable property data)
     Other Sources:
                     EINECS**
         (**Enter CHEMLIST File for up-to-date regulatory information)
```

Absolute stereochemistry. Rotation (+).

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

```
471 REFERENCES IN FILE CA (1957 TO DATE)
             471 REFERENCES IN FILE CAPLUS (1957 TO DATE)
              45 REFERENCES IN FILE CAOLD (PRIOR TO 1967)
=> s 15262-86-9/rn
             1 15262-86-9/RN
L4
=> d 14
     ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS
L4
RN
     15262-86-9 REGISTRY
     Androst-4-en-3-one, 17-[(4-methyl-1-oxopentyl)oxy]-, (17.beta.)- (9CI)
     (CA INDEX NAME)
OTHER CA INDEX NAMES:
     Testosterone, 4-methylvalerate (6CI, 8CI)
CN
     Valeric acid, 4-methyl-, ester with testosterone (8CI)
CN
OTHER NAMES:
     3-Oxoandrost-4-en-17.beta.-yl isocaproate
CN
     Testosterone 17-isocaproate
CN
CN
     Testosterone 4-methylpentanoate
CN
     Testosterone isocaproate
FS
     STEREOSEARCH
MF
     C25 H38 O3
CI
     COM
                  ADISNEWS, BEILSTEIN*, BIOSIS, BIOTECHNO, CA, CABA, CAOLD,
LC
     STN Files:
       CAPLUS, CHEMCATS, CHEMLIST, CSCHEM, DDFU, DRUGU, EMBASE, IPA, MEDLINE,
       TOXCENTER, USPATFULL, VETU
         (*File contains numerically searchable property data)
                      EINECS**
     Other Sources:
         (**Enter CHEMLIST File for up-to-date regulatory information)
```

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

- 54 REFERENCES IN FILE CA (1957 TO DATE)
- 54 REFERENCES IN FILE CAPLUS (1957 TO DATE)
 - 2 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

```
=> s 57-85-2
             1 57-85-2
L5
                 (57-85-2/RN)
=> d 15
L5
     ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS
RN
     57-85-2 REGISTRY
CN
     Androst-4-en-3-one, 17-(1-oxopropoxy)-, (17.beta.)- (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
     Testosterone, propionate (8CI)
OTHER NAMES:
     17.beta.-(Propionyloxy) androst-4-en-3-one
CN
     17.beta.-Hydroxy-4-androsten-3-one 17-propionate
     17.beta.-Hydroxyandrost-4-en-3-one propionate
CN
CN
     17.beta.-Hydroxyandrost-4-en-3-one-17.beta.-propionate
     Agovirin
CN
     Androlon
CN
     Androtest P
CN
     Androteston
CN
CN
     Anertan
CN
     Aquaviron
CN
     Bio-testiculina
CN
     Enarmon
CN
     Enarmon-oil
CN
     Homandren
CN
     Hormoteston
CN
     Masenate
CN
    Nasdol
CN
     neo-Hombreol
     NSC 9166
CN
CN
     Okasa-Mascul
CN
     Orchiol
CN
     Orchisterone
CN
     Orchistin
CN
     Oreton
CN
     Pantestin
CN
     Primotestone
CN
     Propiokan
CN
     Recthormone testosterone
CN
     Solvotest
     Sterandryl
CN
CN
     Synandrol
CN
     Synerone
CN
     Telipex
CN
     Testaform
CN
    Testex
CN
    Testodet
CN
    Testodrin
CN
     Testogen
CN
    Testolets
CN
     Testonique
CN
     Testormol
CN
     Testosid
CN
     Testosteron propionate
```

0218305

```
CN
     Testosterone-17-propionate
     Testosterone-17.beta. propionate
CN
CN
     Testoviron
CN
     Testoviron (ampule)
CN
     Testoxyl
     Testrex
CN
ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT - Use FCN, FIDE, or ALL for
     DISPLAY
FS
     STEREOSEARCH
     C22 H32 O3
MF
CI
     COM
                  ADISINSIGHT, ANABSTR, BEILSTEIN*, BIOSIS, BIOTECHNO, CA,
LC
     STN Files:
```

CABA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CBNB, CHEMCATS, CHEMINFORMRX, CHEMLIST, CSCHEM, DDFU, DIOGENES, DRUGU, EMBASE, HODOC*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK*, MSDS-OHS, NAPRALERT, NIOSHTIC, PHARMASEARCH, PROMT, RTECS*, SPECINFO, TOXCENTER, USAN, USPAT2, USPATFULL, VETU (*File contains numerically searchable property data)

Other Sources: EINECS**, NDSL**, TSCA**

(**Enter CHEMLIST File for up-to-date regulatory information)

Absolute stereochemistry.

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

3889 REFERENCES IN FILE CA (1957 TO DATE) 7 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA 3890 REFERENCES IN FILE CAPLUS (1957 TO DATE) 7 REFERENCES IN FILE CAOLD (PRIOR TO 1967)